

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in the application:

1. (previously presented) A high-voltage transformer provided with a bobbin in which frames of a primary-side winding and a secondary-side winding are provided on both sides of a frame of a magnetic-coupling adjusting winding to sandwich the frame of the magnetic-coupling adjusting winding, in order to make the frames of the primary-side winding, the secondary-side winding and the magnetic-coupling adjusting winding located in the same magnetic path,

wherein a first flange part is provided between the frame of the primary-side winding and the frame of the magnetic-coupling adjusting winding, and a second flange part is provided between the frame of the secondary-side winding and the frame of the magnetic-coupling adjusting winding, and

wherein a part of one of the primary-side winding and the secondary-side winding is wound around the frame of the magnetic-coupling adjusting winding through a notch part which is formed in the first flange part or the second flange part located on the lower surface side of the bobbin.

2 - 3. (canceled)

4. (previously presented) The high-voltage transformer according to claim 1, wherein a part of the primary-side winding is wound around the frame of the magnetic-coupling adjusting winding to largely adjust the leakage inductance.

5. (previously presented) The high-voltage transformer according to claim 1, wherein a part of the secondary-side winding is wound around the frame of the magnetic-coupling adjusting winding to finely adjust the leakage inductance.

6. (currently amended) The high-voltage transformer according to ~~any one of claims 1, 4, 5~~ claim 1, wherein pin-shaped terminals for substrate connection are provided for the bobbin, pin-shaped terminals extend in one direction substantially orthogonal to a direction in which the frames of the primary-side winding, the magnetic-coupling adjusting winding, and the secondary-side winding are arranged.